



05923249 444934

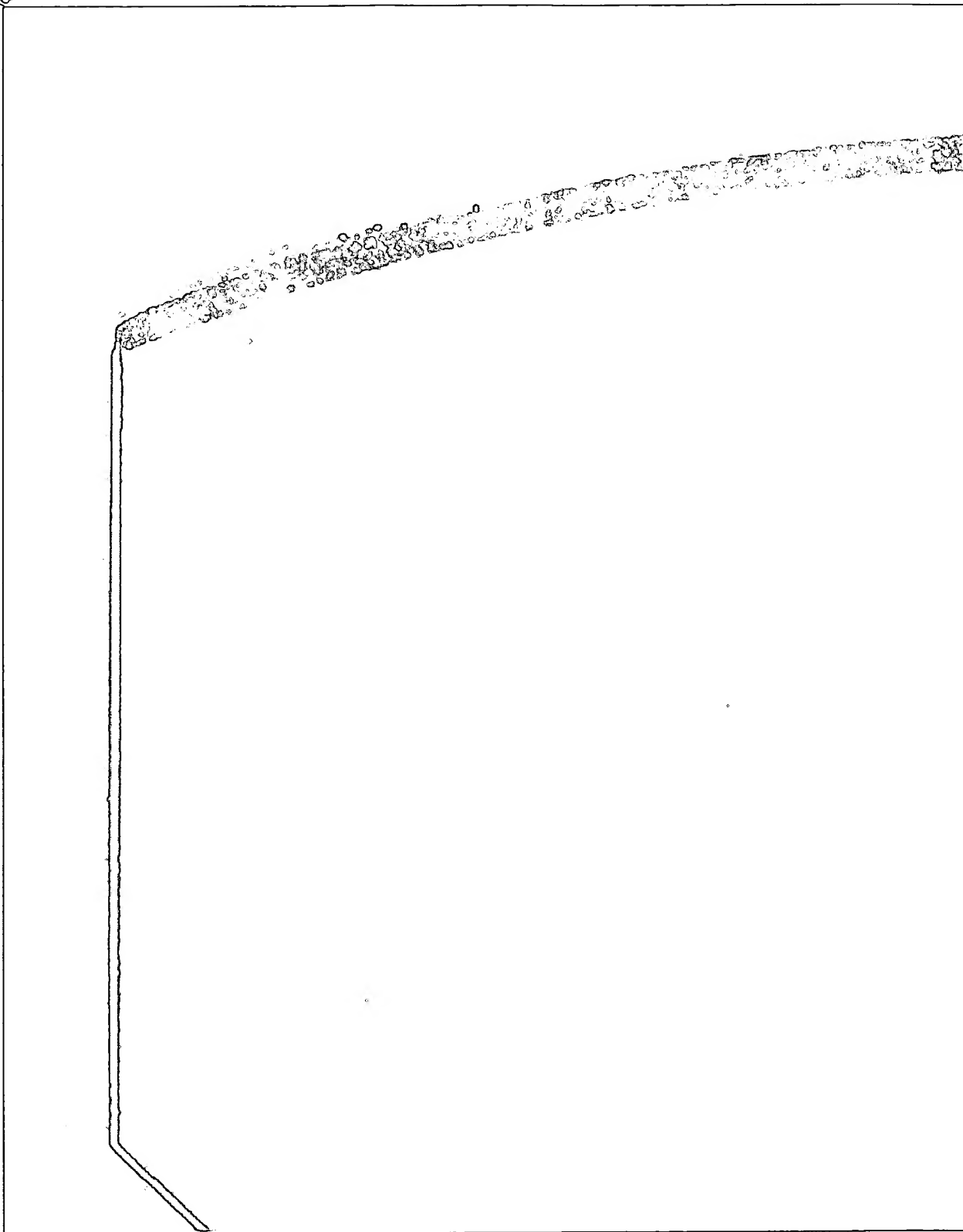


FIG. 1

05023243 111301

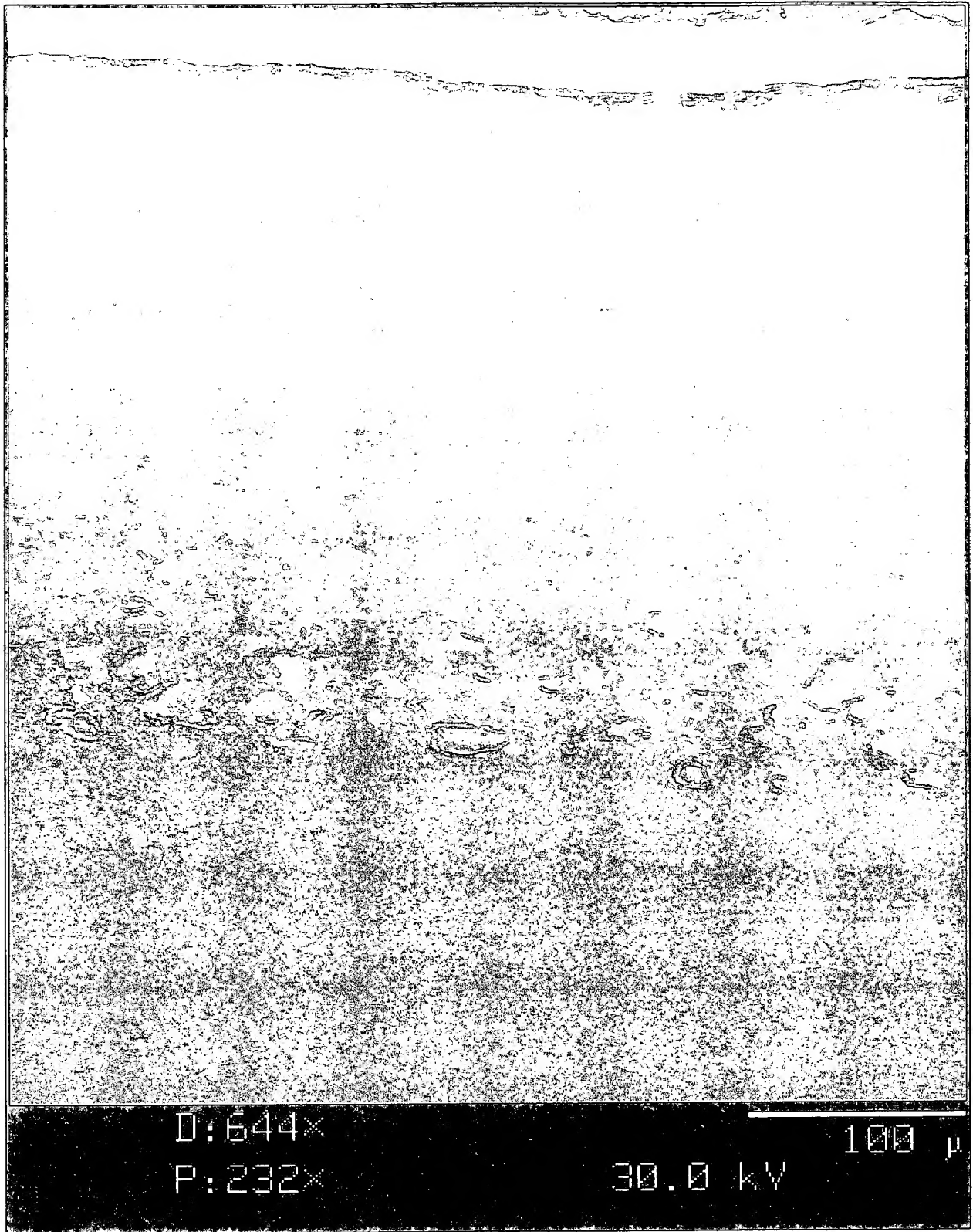


FIG. 2

09223249 44304

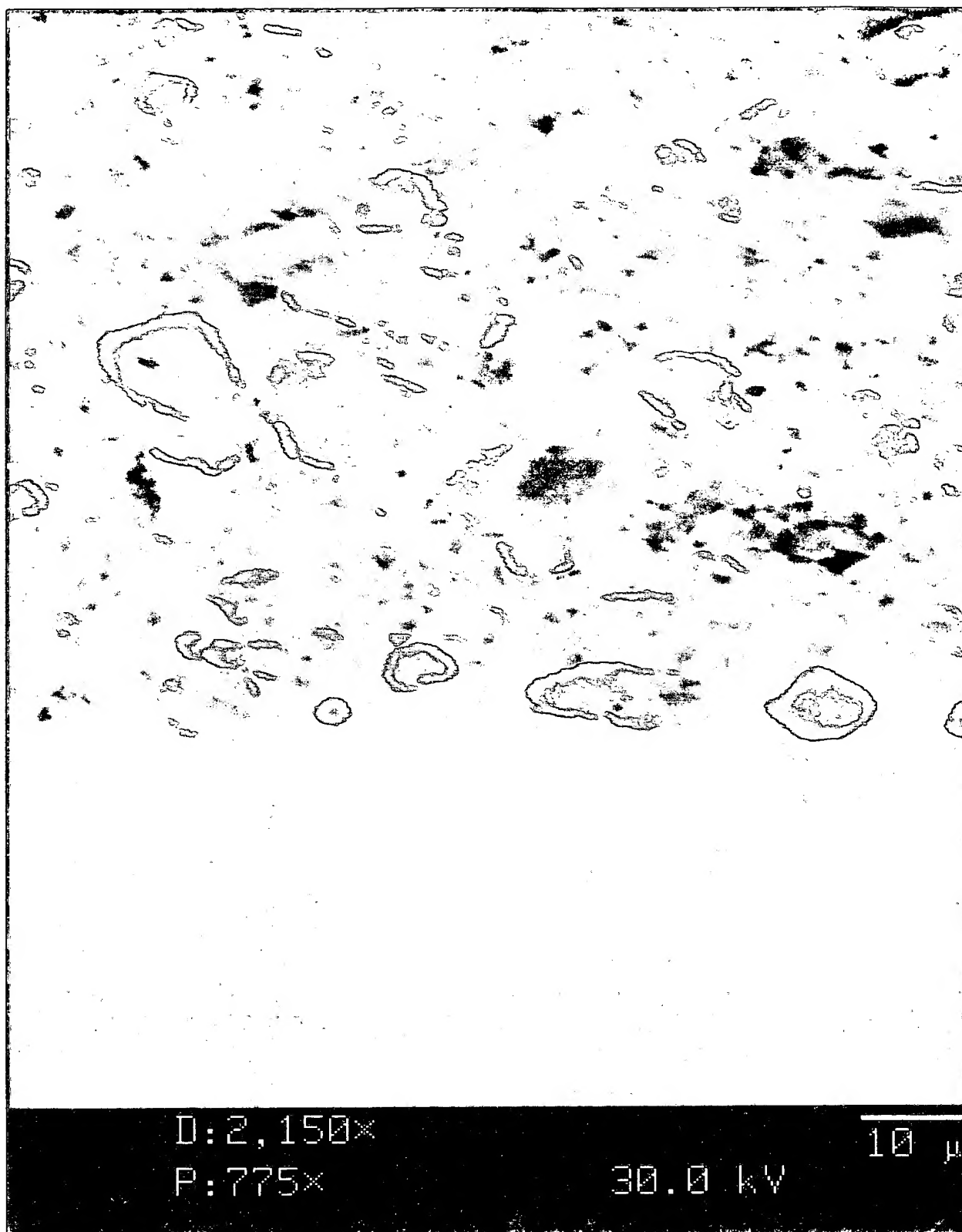


FIG. 3

REF ID: A62250

SC-00-08

4/9

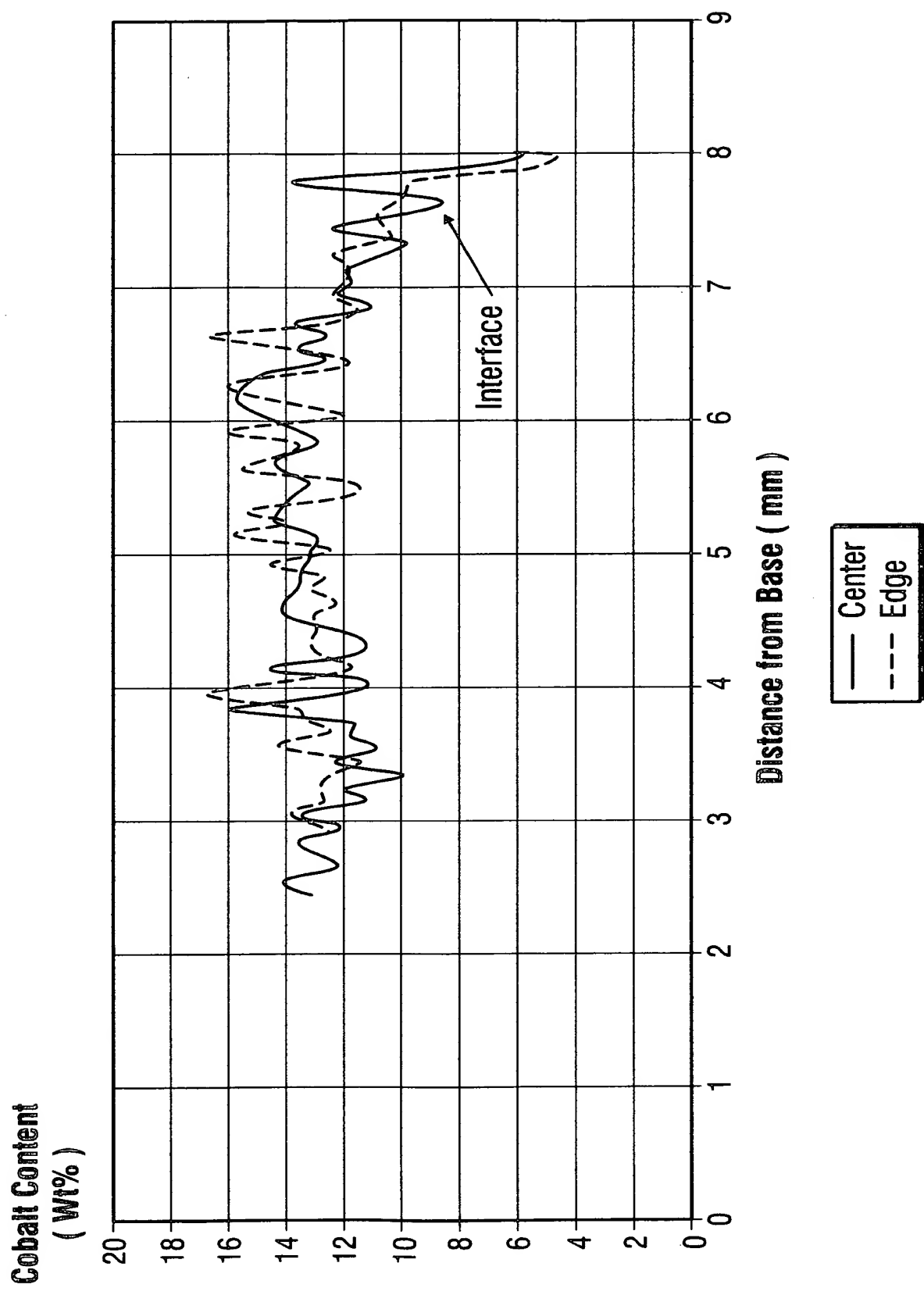


FIG. 4

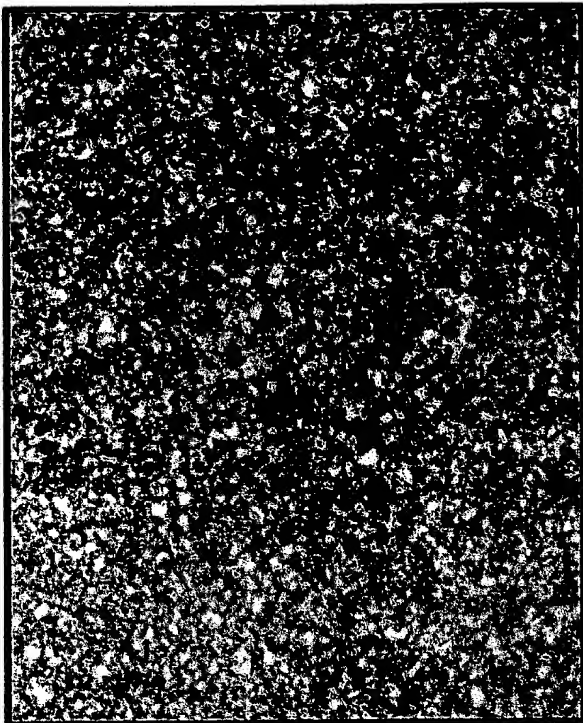


FIG. 5

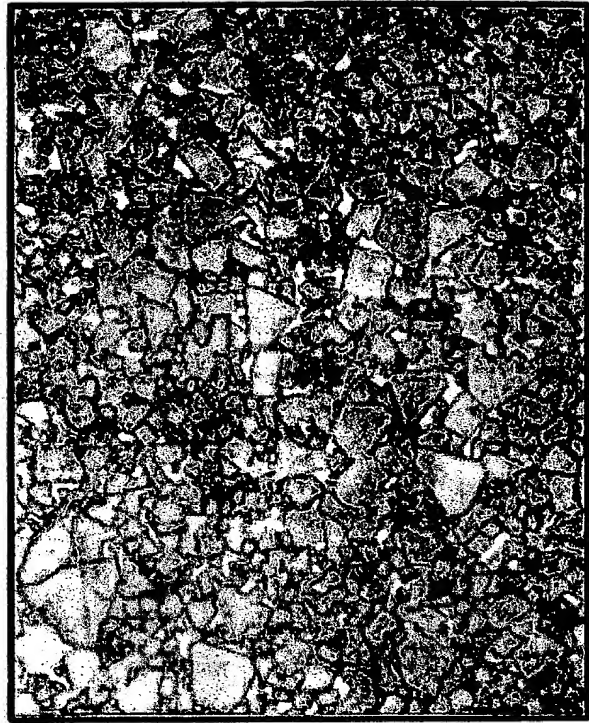


FIG. 6



FIG. 7

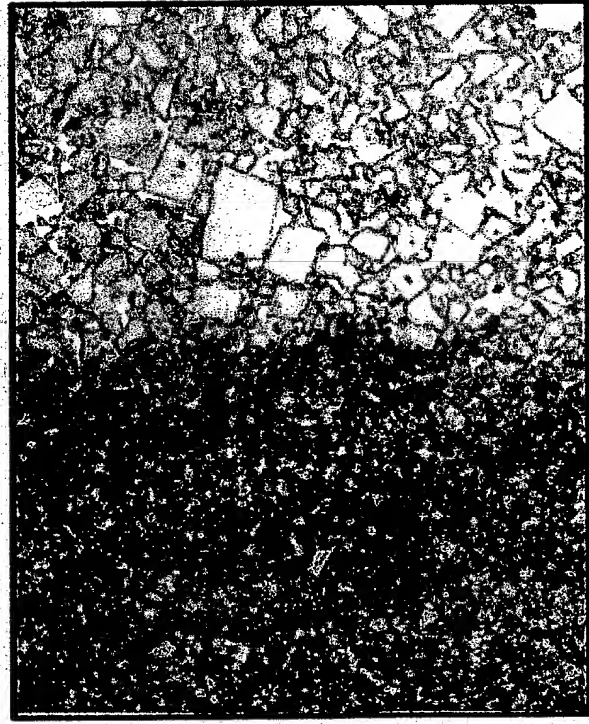


FIG. 8

09023249, 111301

099344 44304

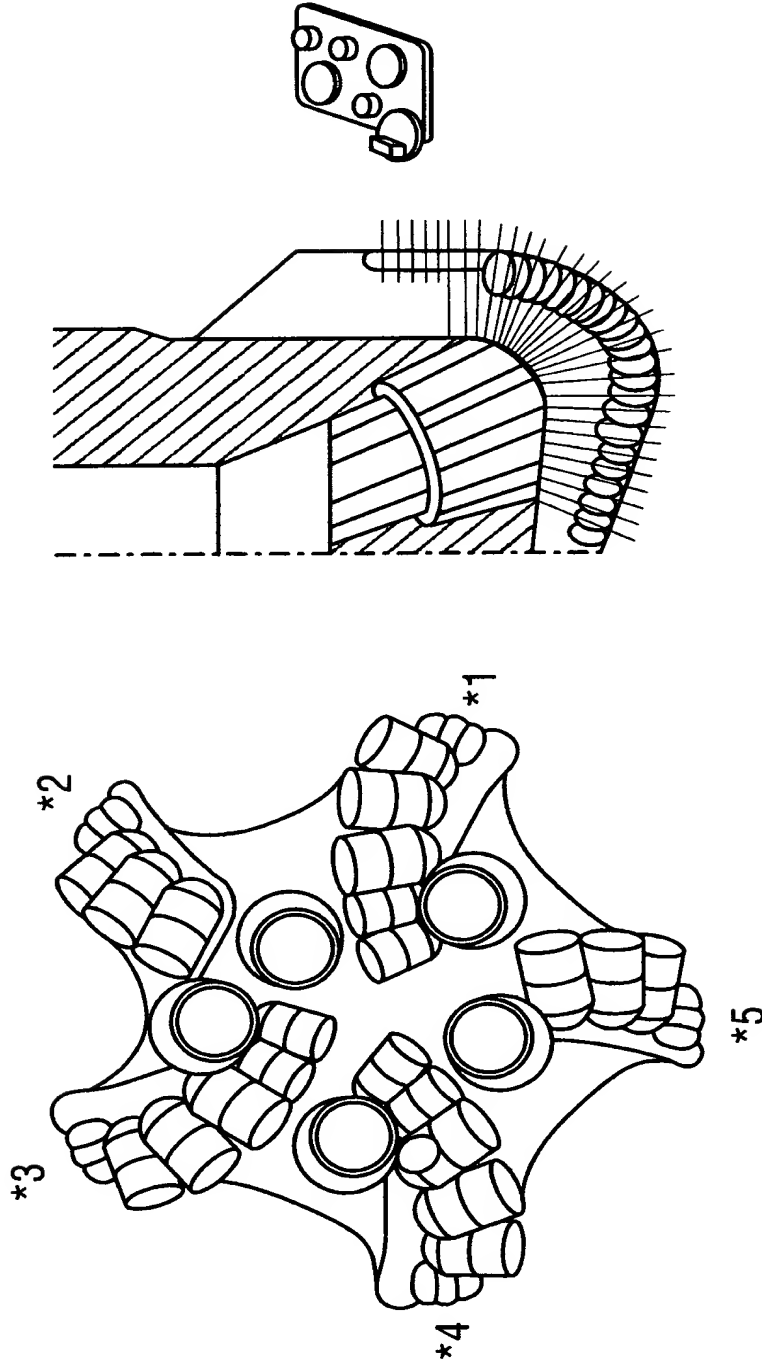


FIG. 9

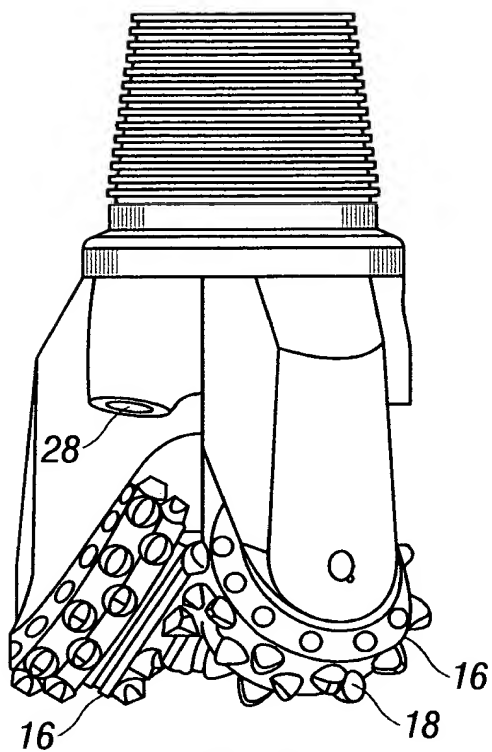


FIG. 10

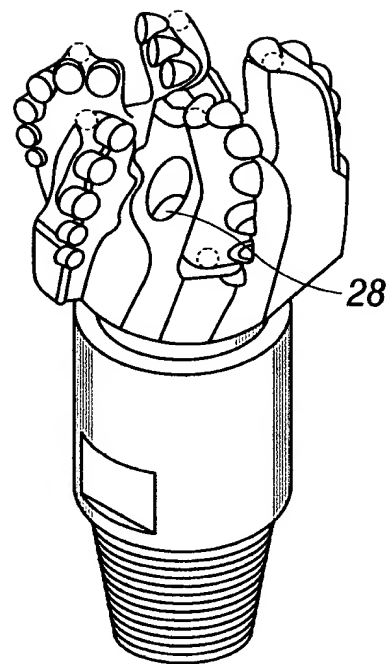
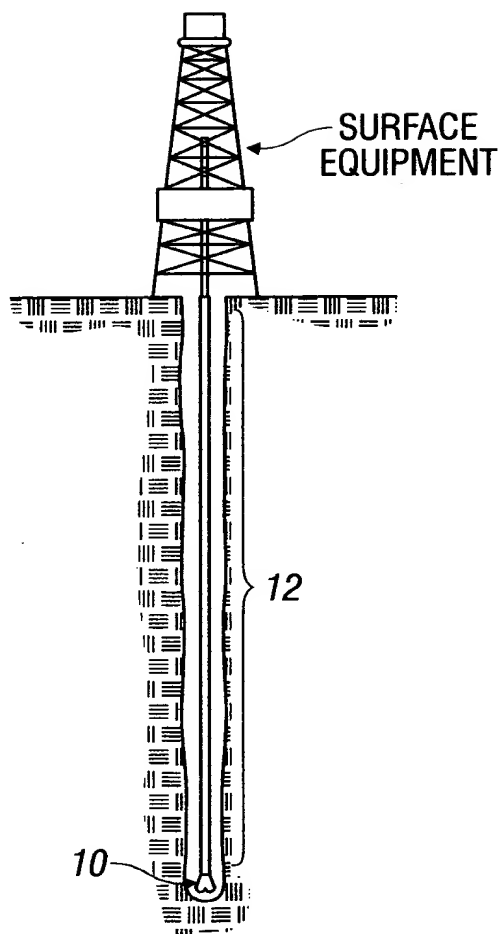
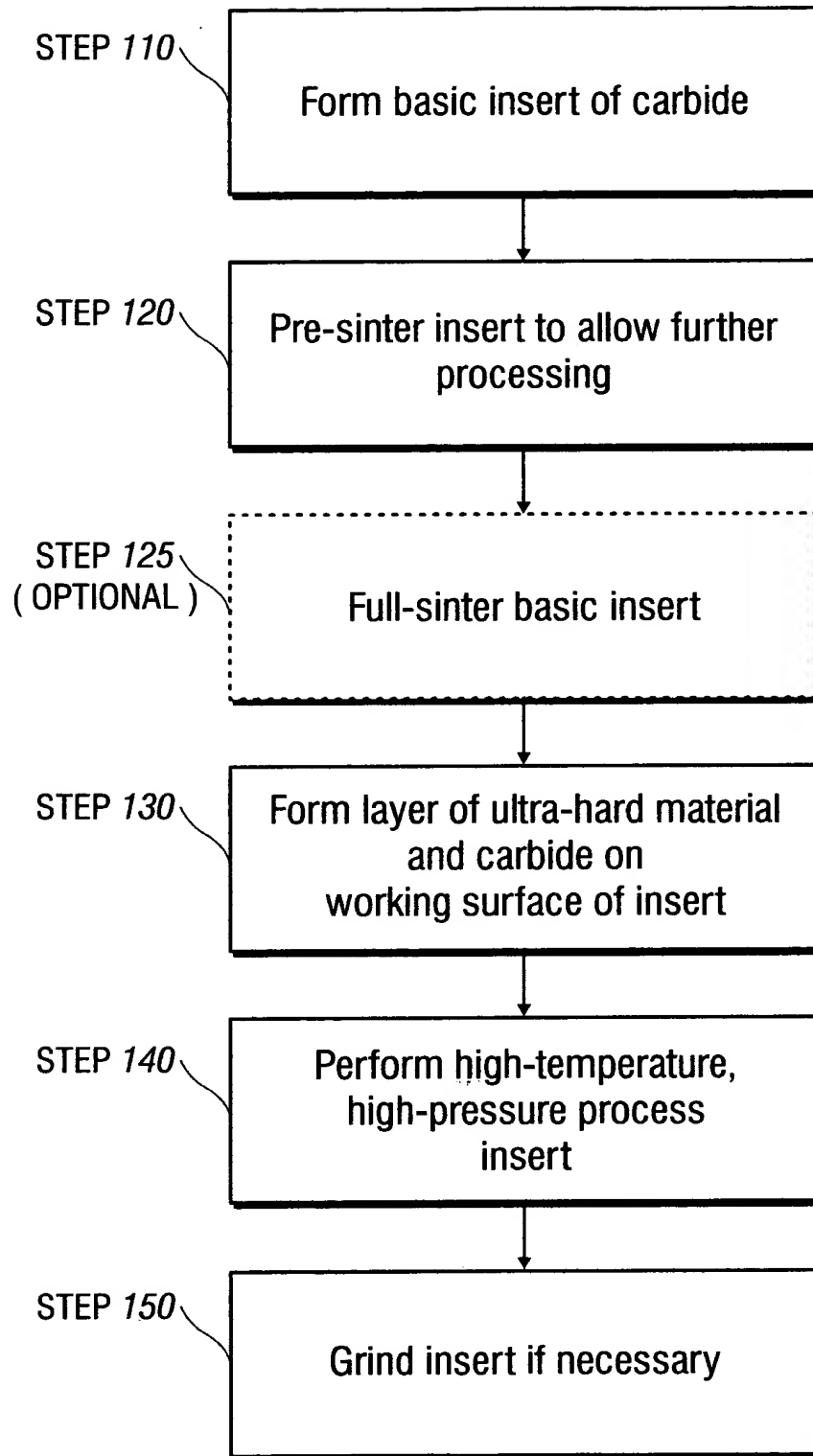


FIG. 11



0923243 11304



0392249 11301

Grade	Composition
11493 (composite)	60% N410, 40% NP32
N410	10% cobalt, balance 4 micron WC
NP32	6% cobalt, balance submicron WC

FIG. 14

Grade	Density	Hardness	TRS*	HC*	Porosity
N410	14.55	88.5	400,000	95	A02
NP32	14.95	92.7	380,000	280	A02
11493	14.70	90.2	400,000	160	A02

FIG. 15

09923249 "11493"